

## Product datasheet for MC202296

### Epore (NM\_010149) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Epore (NM\_010149) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Epore  
**Mammalian Cell Selection:** Neomycin  
**Vector:** PCMV6-Kan/Neo (PCMV6KN)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Fully Sequenced ORF:** >BC046282 sequence for NM\_010149

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GGAAAGGGAAGGAGAGGTGGGGGGACGAAACAGGGGCGCTGGAGCCCTGAGCTTCTGAAGCTAGGGCT
GCATCATGGACAACTCAGAGTGCCCTCTGGCCTCGGGTAGGCCCTCTGTCTCTACTTGTGGGGC
AGCCTGGGCACCTTACCCAGCCTCCCGACCCCAAGTTTGAGAGCAAAGCGGCCCTGCTGGCATCCCGG
GGCTCCGAAGAATTCTGTGCTTACCCAACGCTTGAAGACTTGGTGTGTTTCTGGGAGGAAGCGGCGA
GCTCCGGGATGGACTTCAACTACAGCTTCTCATACCAGCTCGAGGGTGAGTCACGAAAGTCATGTAGCCT
GCACCAGGCTCCACCGTCCGCGCTCCGTGCGTTTCTGGTGTCTACTGCCAACAGCGGACACATCGAGT
TTTGTGCCGCTGGAGCTGCAGGTGACGGAGGCGTCCGGTTCTCCTCGCTATCACCGCATCATCCATATCA
ATGAAGTAGTGCTCCTGGACGCCCCCGGGGCTGCTGGCGCGCCGGGCAGAAGAGGGCAGCCACGTGGT
GCTGCGCTGGCTGCCACCTCCTGGAGCACATGACCACCCACATCCGATATGAAGTGGAGCTGTCCGCA
GGCAACCGGGCAGGAGGGACACAAGGGTGGAGTCTTGGAAAGCCGACTGAGTGTGTTCTGAGCAACC
TGCGGGGCGGGACGCGCTACACCTTCGCTGTTTCGAGCGCGCATGGCCGAGCCGAGCTTACGCGGATTCTG
GAGTGCCTGGTCTGAGCCGCGTCACTACTGACCCTAGCGACCTGGACCCTCTCATCTTGACGCTGTCT
CTCATTCTGGTCTCATCTCGTTGTTGCTGACGGTTCTGGCCCTGCTGTCCACC GCCGACTCTGCAGC
AGAAGATCTGGCCTGGCATCCCAAGCCAGAGAGCGAGTTTGAGGGTCTCTTACCACCCACAAGGGTAA
CTTCCAGCTGTGGCTGCTGCAGCGTGATGGTTGCTGTGGTGGAGCCGGGCAGCTCCTTCCCTGAAGAT
CCACCTGCCACCTAGAGGTCTCTCAGAGCCACGCTGGGCAGTACTCAGGCTGGGGACCCAGGGGCAG
ATGATGAGGGGCCCTTACTGGAGCCGGTGGGCAGTGAGCATGCCAGGACACCTACTTGGTATTGGATAA
GTGGTTGCTGCCCGGACCCATGCAGTGAGAACCTCTCAGGGCCTGGGGCAGTGTGGACCCTGTGACT
ATGGATGAAGCTTCAAAACATCTTCTGCCCGTCTGACTTGGCCTCAAAGCCAGGCCAGAGGGCACCT
CACCTTCCAGCTTGTGAGTACACCATCTGGACCCAGCTCTCAGCTCCTGTGCCCTCGGGCACTGCCTCC
CGAGCTACCTCCCACTCCACCTCACTTGAAGTACCTATACCTTGTGGTGTCCGATTCTGGCATCTCAACA
GATTACAGTTCGGGGGGCTCTCAGGAGTCCACGGGGACTCATCTGATGGCCCTACTCCACCCCTATG
AGAACAGCCTTGTCCAGACTCAGAGCCTCTGCATCCCGGCTATGTGGCCTGCTCCTAGGACTCCAGCCT
ACAACGCTTGAACGGGATTGGTGAAGCCATACTAAAGTCAGAGCTGACCTTGGCCCTCTGAGCAGGAA
GAGACAGCCTTGAATGTTAAGATTAAGAGTTATCTGTCTGTATATAGAAATATATATATATATCGATTT
TTCTAAAAAAAAAAAAAAAA
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**Restriction Sites:** RsrII-NotI



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<b>ACCN:</b>	NM_010149
<b>Insert Size:</b>	1524 bp
<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
<b>Components:</b>	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.</li> </ol>
<b>RefSeq:</b>	<a href="#">BC046282</a> , <a href="#">AAH46282</a>
<b>RefSeq Size:</b>	1769 bp
<b>RefSeq ORF:</b>	1524 bp
<b>Locus ID:</b>	13857
<b>UniProt ID:</b>	<a href="#">P14753</a>
<b>Cytogenetics:</b>	9 7.93 cM
<b>Gene Summary:</b>	Receptor for erythropoietin. Mediates erythropoietin-induced erythroblast proliferation and differentiation. Upon EPO stimulation, EPOR dimerizes triggering the JAK2/STAT5 signaling cascade. In some cell types, can also activate STAT1 and STAT3. May also activate the LYN tyrosine kinase.[UniProtKB/Swiss-Prot Function]